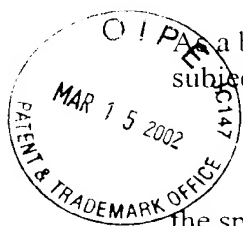


DECLARATION FOR PATENT APPLICATION



I, a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed

Yes No

(Number)

(Country)

(Day Month Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	Filing Date:	Application
1	17-Mar-2000	60/190,068
2	07-Mar-1997	60/040,162
3	07-Mar-1997	60/040,333
4	07-Mar-1997	60/038,621
5	07-Mar-1997	60/040,626
6	07-Mar-1997	60/040,334
7	07-Mar-1997	60/040,336
8	07-Mar-1997	60/040,163
9	23-May-1997	60/047,600
10	23-May-1997	60/047,615
11	23-May-1997	60/047,597
12	23-May-1997	60/047,502
13	23-May-1997	60/047,633
14	23-May-1997	60/047,583
15	23-May-1997	60/047,617
16	23-May-1997	60/047,618
17	23-May-1997	60/047,503
18	23-May-1997	60/047,592
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96.	02-Oct-1997	60/061,060
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98.	16-Jul-1997	60/052,874
99.	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

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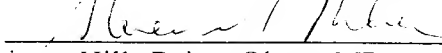
<u>09/809,391</u>	<u>16-Mar-2001</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
<u>09/149,476</u>	<u>08-Sep-1998</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
<u>PCT/US98/04493</u>	<u>06-Mar-1998</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Steven M. Ruben

Inventor's signature:  Date: 1/3/02
Residence: 18528 Heritage Hills Drive, Olney, MD 20832 Citizenship: US
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Full name of additional joint inventor: Craig A. Rosen

Inventor's signature:  Date: 1/14/02
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Full name of additional joint inventor: Daniel R. Soppet

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Kenneth C. Carter

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Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Gregory A. Endress

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Guo-Liang Yu

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Jian Ni

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Full name of additional joint inventor: Ping Feng

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Gaithersburg, MD 20874 PF 4/9/02

Full name of additional joint inventor: Paul E. Young

Inventor's signature: _____ Date: _____
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Post Office Address: same as above

Full name of additional joint inventor: John M. Greene

Inventor's signature: _____ Date: _____
Residence: 872 Diamond Drive, Gaithersburg, MD 20878 Citizenship: US
Post Office Address: same as above

Full name of additional joint inventor: Ann M. Ferrie

Inventor's signature: _____ Date: _____
Residence: 9364 Woodcrest Drive, Painted Post, NY 14870 Citizenship: US
Post Office Address: same as above

Full name of additional joint inventor: D. Roxanne Duan

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Jing-Shan Hu

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Kimberly A. Florence

Inventor's signature: *Kimberly A. Florence* Date: 1/11/02
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Full name of additional joint inventor: Henrik S. Olsen

Inventor's signature: *Henrik Steen Olsen* Date: 1/3/02
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Post Office Address: same as above

Full name of additional joint inventor: Carrie L. Fischer

Inventor's signature: *Carrie L. Fischer* Date: 1/3/02
Residence: 5810 Hall Street, Burke, VA 22015 Citizenship: US
Post Office Address: same as above

Full name of additional joint inventor: Reinhard Ebner

Inventor's signature: _____ Date: _____
Residence: 9906 Shelburne Terrace #316, Gaithersburg, MD 20878 Citizenship: DE
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Inventor's signature: _____ Date: _____
Residence: 410 Van Dyke St. Apt. 115, St. Paul, MN 55119 Citizenship: US
Post Office Address: same as above

Full name of additional joint inventor: Paul A. Moore

Inventor's signature: *Paul A. Moore* Date: 1/3/02
Residence: 19005 Leatherbark Drive, Germantown, MD 20874 Citizenship: GB
Post Office Address: same as above

Full name of additional joint inventor: Yanggu Shi

Inventor's signature: *Yanggu Shi*

Date: 1/17/02

Residence: 437 West Side Drive, Apt. 102, Gaithersburg, MD 20878

Citizenship: CN

Post Office Address: same as above

Full name of additional joint inventor: David W. LaFleur

Inventor's signature: *David W. LaFleur*

Date: 1/10/02

Residence: 3142 Quesada Street, NW, Washington, DC 20015

Citizenship: US

Post Office Address: same as above

Full name of additional joint inventor: Yi Li

Inventor's signature: _____

Date: _____

Residence: 990-6 Alpine Terrace, Sunnyvale, CA 94086

Citizenship: CN

Post Office Address: same as above

Full name of additional joint inventor: ZhiZhen Zeng

Inventor's signature: _____

Date: _____

Residence: 410 Shipwrighter Way, Lansdale, PA 19446

Citizenship: CN

Post Office Address: same as above

Full name of additional joint inventor: Hla Kyaw

Inventor's signature: _____

Date: _____

Residence: 520 Sugarbush Circle, Frederick, MD 21703

Citizenship: Myanmar

Post Office Address: same as above

DECLARATION FOR PATENT APPLICATION

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186 HUMAN SECRETED PROTEINS

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Prior Foreign Application(s):

Priority Claimed
Yes No

(Number)

(Country)

(Day/Month/Year Filed)

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(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
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Full name of additional joint inventor: Jian Ni

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Post Office Address: same as above

Full name of additional joint inventor: Paul E. Young

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Full name of additional joint inventor: John M. Greene

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Post Office Address: same as above

Full name of additional joint inventor: Ann M. Ferrie

Inventor's signature: _____ Date: _____
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Post Office Address: same as above

Full name of additional joint inventor: D. Roxanne Duan

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Jing-Shan Hu

Inventor's signature: [Signature] Date: 12/21/01
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Full name of additional joint inventor: Kimberly A. Florence

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Henrik S. Olsen

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Yanggu Shi

Inventor's signature: _____ Date: _____

Residence: 437 West Side Drive, Apt. 102, Gaithersburg, MD 20878 Citizenship: CN

Post Office Address: same as above

Full name of additional joint inventor: David W. LaFleur

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Full name of additional joint inventor: Yi Li

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Full name of additional joint inventor: Hla Kyaw

Inventor's signature: _____ Date: _____

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Post Office Address: same as above

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed
Yes No

(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
13.	23-May-1997	60/047,633
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56.	22-Aug-1997	60/056,879
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61.	22-Aug-1997	60/056,874
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85	22-Aug-1997	60/056,881
86	22-Aug-1997	60/056,909
87	22-Aug-1997	60/056,875
88	22-Aug-1997	60/056,862
89	22-Aug-1997	60/056,887
90	22-Aug-1997	60/056,908
91	06-Jun-1997	60/048,964
92	05-Sep-1997	60/057,650
93	22-Aug-1997	60/056,884
94	05-Sep-1997	60/057,669
95	13-Jun-1997	60/049,610
96	02-Oct-1997	60/061,060
97	08-Jul-1997	60/051,926
98	16-Jul-1997	60/052,874
99	12-Sep-1997	60/058,785
100	18-Aug-1997	60/055,724

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09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Steven M. Ruben

Inventor's signature: _____ Date: _____
Residence: 18528 Heritage Hills Drive, Olney, MD 20832 Citizenship: US
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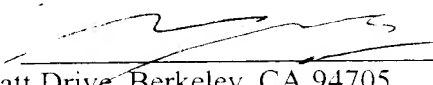
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Full name of additional joint inventor: Guo-Liang Yu

Inventor's signature:  Date: 12/26/01

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Full name of additional joint inventor: Jian Ni

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Full name of additional joint inventor: Hla Kyaw

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Jian Ni

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Full name of additional joint inventor: Ping Feng

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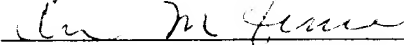
Full name of additional joint inventor: Paul E. Young

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Full name of additional joint inventor: John M. Greene

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Full name of additional joint inventor: Ann M. Ferrie

Inventor's signature:  Date: 21/02/02
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Prior Foreign Application(s):

Priority Claimed
Yes No

(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
10.	23-May-1997	60/047,615
11.	23-May-1997	60/047,597
12.	23-May-1997	60/047,502
13.	23-May-1997	60/047,633
14.	23-May-1997	60/047,583
15.	23-May-1997	60/047,617
16.	23-May-1997	60/047,618
17.	23-May-1997	60/047,503
18.	23-May-1997	60/047,592
19.	23-May-1997	60/047,581
20.	23-May-1997	60/047,584
21.	23-May-1997	60/047,500

22.	23-May-1997	60/047,587
23.	23-May-1997	60/047,492
24.	23-May-1997	60/047,598
25.	23-May-1997	60/047,613
26.	23-May-1997	60/047,582
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29.	23-May-1997	60/047,632
30.	23-May-1997	60/047,601
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32.	11-Apr-1997	60/043,568
33.	11-Apr-1997	60/043,314
34.	11-Apr-1997	60/043,569
35.	11-Apr-1997	60/043,311
36.	11-Apr-1997	60/043,671
37.	11-Apr-1997	60/043,674
38.	11-Apr-1997	60/043,669
39.	11-Apr-1997	60/043,312
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42.	11-Apr-1997	60/043,315
43.	06-Jun-1997	60/048,974
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60.	22-Aug-1997	60/056,636
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100.	18-Aug-1997	60/055,724

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(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04493	06-Mar-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

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Full name of additional joint inventor: Gregory A. Endress

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Full name of additional joint inventor: Yanggu Shi

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Full name of additional joint inventor: Hla Kyaw

Inventor's signature: _____ Date: _____
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Post Office Address: same as above

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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(Number)

(Country)

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17.	23-May-1997	60/047,503
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Full name of first joint inventor: Steven M. Ruben

Inventor's signature: _____ Date: _____
Residence: 18528 Heritage Hills Drive, Olney, MD 20832 Citizenship: US
Post Office Address: same as above

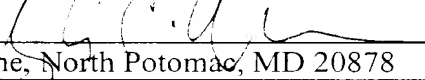
Full name of additional joint inventor: Craig A. Rosen

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7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
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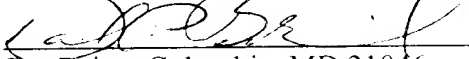
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Full name of additional joint inventor: ZhiZhen Zeng

Inventor's signature: _____ Date: _____
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Post Office Address: same as above

Full name of additional joint inventor: Hla Kyaw

Inventor's signature: _____ Date: _____
Residence: 520 Sugarbush Circle, Frederick, MD 21703 Citizenship: Myanmar
Post Office Address: same as above

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed
Yes No

(Number) (Country) (Day/Month/Year Filed)

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1.	17-Mar-2000	60/190,068
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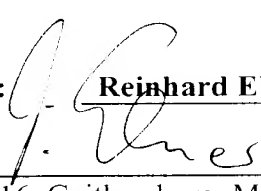
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(Number)

(Country)

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21.	23-May-1997	60/047,500

22.	23-May-1997	60/047,587
23.	23-May-1997	60/047,492
24.	23-May-1997	60/047,598
25.	23-May-1997	60/047,613
26.	23-May-1997	60/047,582
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32.	11-Apr-1997	60/043,568
33.	11-Apr-1997	60/043,314
34.	11-Apr-1997	60/043,569
35.	11-Apr-1997	60/043,311
36.	11-Apr-1997	60/043,671
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09/809,391	16-Mar-2001	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/149,476	08-Sep-1998	pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's signature: _____ Date: _____
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Post Office Address: same as above

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Full name of additional joint inventor: Kimberly A. Florence

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: Henrik S. Olsen

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Full name of additional joint inventor: Yanggu Shi

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: David W. LaFleur

Inventor's signature: _____ Date: _____
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Full name of additional joint inventor: ZhiZhen Zeng

Inventor's signature: _____ Date: _____
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Post Office Address: same as above

Full name of additional joint inventor: Hla Kyaw

Inventor's signature: _____ Date: _____
Residence: 520 Sugarbush Circle, Frederick, MD 21703 Citizenship: Myanmar
Post Office Address: same as above

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed
Yes No

(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
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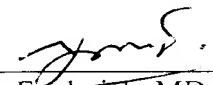
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Full name of additional joint inventor: Hla Kyaw

Inventor's signature:  Date: 12/21/01

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DECLARATION FOR PATENT APPLICATION

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Priority Claimed

Yes No

(Number)

(Country)

(Day/Month/Year Filed)

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70	23-May-1997	60/047,588
71	23-May-1997	60/047,585
72	23-May-1997	60/047,586
73	23-May-1997	60/047,590
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<u>09/809,391</u>	<u>16-Mar-2001</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
<u>09/149,476</u>	<u>08-Sep-1998</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
<u>PCT/US98/04493</u>	<u>06-Mar-1998</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

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Inventor's signature: _____ Date: _____

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Full name of additional joint inventor: Kimberly A. Florence

Inventor's signature: _____ Date: _____

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Post Office Address: same as above

Full name of additional joint inventor: Henrik S. Olsen

Inventor's signature: _____ Date: _____

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Post Office Address: same as above

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Inventor's signature: _____ Date: _____

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Inventor's signature: _____ Date: _____

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Inventor's signature: _____ Date: _____

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Inventor's signature: _____ Date: _____

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Post Office Address: same as above

Full name of additional joint inventor: Yanggu Shi

Inventor's signature: _____ Date: _____

Residence: 437 West Side Drive, Apt. 102, Gaithersburg, MD 20878 Citizenship: CN

Post Office Address: same as above

Full name of additional joint inventor: David W. LaFleur

Inventor's signature: _____ Date: _____

Residence: 3142 Quesada Street, NW, Washington, DC 20015 Citizenship: US

Post Office Address: same as above

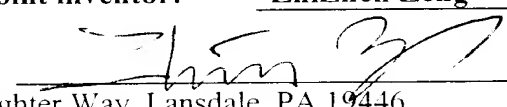
Full name of additional joint inventor: Yi Li

Inventor's signature: _____ Date: _____

Residence: 990-6 Alpine Terrace, Sunnyvale, CA 94086 Citizenship: CN

Post Office Address: same as above

Full name of additional joint inventor: ZhiZhen Zeng

Inventor's signature:  _____ Date: Jan 2, 2012

Residence: 410 Shipwrighter Way, Lansdale, PA 19446 Citizenship: CN

Post Office Address: same as above

Full name of additional joint inventor: Hla Kyaw

Inventor's signature: _____ Date: _____

Residence: 520 Sugarbush Circle, Frederick, MD 21703 Citizenship: Myanmar

Post Office Address: same as above

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed
Yes No

(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	Filing Date:	Application
1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
4.	07-Mar-1997	60/038,621
5.	07-Mar-1997	60/040,626
6.	07-Mar-1997	60/040,334
7.	07-Mar-1997	60/040,336
8.	07-Mar-1997	60/040,163
9.	23-May-1997	60/047,600
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Full name of additional joint inventor: D. Roxanne Duan

Inventor's signature: D. Roxanne Duan Date: 2/09/2002
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Priority Claimed
Yes No

(Number)

(Country)

(Day/Month/Year Filed)

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<u>09/809,391</u>	<u>16-Mar-2001</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
<u>09/149,476</u>	<u>08-Sep-1998</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
<u>PCT/US98/04493</u>	<u>06-Mar-1998</u>	<u>pending</u>
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Full name of additional joint inventor: Hla Kyaw

Inventor's signature: _____ Date: _____

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Post Office Address: same as above

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

186 HUMAN SECRETED PROTEINS

the specification of which was filed June 18, 2001 as Application Serial No. 09/882,171.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed

Yes No

(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

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1.	17-Mar-2000	60/190,068
2.	07-Mar-1997	60/040,162
3.	07-Mar-1997	60/040,333
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7.	07-Mar-1997	60/040,336
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Full name of additional joint inventor: Laurie A. Brewer

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58.	22-Aug-1997	60/056,894
59.	22-Aug-1997	60/056,911
60.	22-Aug-1997	60/056,636
61.	22-Aug-1997	60/056,874
62.	22-Aug-1997	60/056,910
63.	22-Aug-1997	60/056,864
64.	22-Aug-1997	60/056,631
65.	22-Aug-1997	60/056,845
66.	22-Aug-1997	60/056,892
67.	22-Aug-1997	60/057,761
68.	23-May-1997	60/047,595
69.	23-May-1997	60/047,599
70.	23-May-1997	60/047,588
71.	23-May-1997	60/047,585
72.	23-May-1997	60/047,586
73.	23-May-1997	60/047,590
74.	23-May-1997	60/047,594
75.	23-May-1997	60/047,589
76.	23-May-1997	60/047,593

77.	23-May-1997	60/047,614
78.	11-Apr-1997	60/043,578
79.	11-Apr-1997	60/043,576
80.	23-May-1997	60/047,501
81.	11-Apr-1997	60/043,670
82.	22-Aug-1997	60/056,632
83.	22-Aug-1997	60/056,664
84.	22-Aug-1997	60/056,876
85.	22-Aug-1997	60/056,881
86.	22-Aug-1997	60/056,909
87.	22-Aug-1997	60/056,875
88.	22-Aug-1997	60/056,862
89.	22-Aug-1997	60/056,887
90.	22-Aug-1997	60/056,908
91.	06-Jun-1997	60/048,964
92.	05-Sep-1997	60/057,650
93.	22-Aug-1997	60/056,884
94.	05-Sep-1997	60/057,669
95.	13-Jun-1997	60/049,610
96.	02-Oct-1997	60/061,060
97.	08-Jul-1997	60/051,926
98.	16-Jul-1997	60/052,874
99.	12-Sep-1997	60/058,785
100.	18-Aug-1997	60/055,724

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(b) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>09/809,391</u>	<u>16-Mar-2001</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
<u>09/149,476</u>	<u>08-Sep-1998</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
<u>PCT/US98/04493</u>	<u>06-Mar-1998</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Kenley K. Hoover (Reg. No. 40,302), James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele M. Wales (Reg. No. 43,975), Mark J. Hyman (Reg. No. 46,789), and Janet M. Martineau (Reg. No. 46,903) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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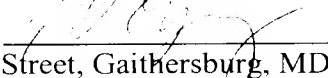
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